



US Army Corps  
of Engineers®



## Charlevoix Harbor, MI

### **Harbor Features**

- Located on the east shore of Lake Michigan, 276 miles northeast of Chicago, IL and 75 miles northeast of Frankfort, MI.
- Authorization: River & Harbor Acts of 14 Aug 1876, 2 Aug 1882, 13 Jun 1902, 20 Jun 1938, 24 Mar 1977.
- Deep draft commercial harbor.
- Project depths – 18 feet in Lake Michigan; 18 feet in inner channels to Lake Charlevoix.
- Ranked 38<sup>th</sup> among the Great Lakes Harbors and 138<sup>th</sup> nationwide with about 1.3M tons of commerce in 2005.
- Over 4,100 feet of structures including piers and revetments.
- Approximately one mile of maintained channel.
- Major stakeholders include U.S. Coast Guard, Lake Carriers' Association, and Beaver Island Ferry Service.

### **Project Needs**

- Maintenance dredging required on a 10 to 15 year cycle.
- Obstruction removal by hired labor plant required annually in entrance channel.
- Navigation structures are primarily maintained by Government floating plant.



### **Consequences of Not Maintaining the Project**

- Significant loss of jobs locally.
- Light loading; loss of between 1 and 2 feet of channel depth results in increased transportation costs of between \$11,000 and \$34,000 annually.

### **Transportation Importance**

- Major receiving and shipping port on the Great Lakes.
- Commodities shipped or received include cement, slag, and coal.
- Provides for the only ferry service to Beaver Island.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009  
Charlevoix Harbor, MI - Project Needs and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY07 Need</b>	<b>FY07 Work Plan</b>	<b>FY08 Need</b>	<b>FY08 Budget</b>	<b>FY09 Need</b>	<b>FY09 Budget*</b>
Project Condition Surveys	21	21	38	38	40	
Obstruction Removal – by Govt. Floating Plant	116	116	150	150	153	
<b>TOTALS</b>	<b>137</b>	<b>137</b>	<b>188</b>	<b>188</b>	<b>193</b>	

\* FY09 President's Budget will be available in February 2008